

**Environmental
Resources
Management**

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21 March 2013

Ms. Janet Rosati
Remedial Project Manager
Superfund Division (SFD-6-2)
US EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: Monthly Progress Report for February 2013
OU3 RI/FS, Motorola 52nd Street Superfund Site

Dear Ms. Rosati:

On behalf of Honeywell and Arizona Public Service Company, ERM-West, Inc. is providing the United States Environmental Protection Agency with an update on the activities associated with implementing the Statement of Work included in the Administrative Order on Consent for Remedial Investigation and Feasibility Study at the Motorola 52nd Street Superfund Site, Operable Unit 3.

This progress report summarizes tasks and deliverables completed through 28 February 2013. Please feel free to contact me at (818) 970-7767, or via email at tony.ward@erm.com if you have any questions or comments regarding the attached progress report.

Sincerely,



OU3 Group Project Coordinator

MFK/0096498.027

Enclosures: Monthly Progress Report

cc: Troy J. Kennedy, Honeywell
Judy Heywood, Arizona Public Service Company
Brian Stonebrink, Arizona Department of Environmental Quality
Claudia Garcia, United States Army Corps of Engineers
Sue Kraemer, Shaw Environmental, Inc.

OU3 RI/FS Monthly Progress Report for February 2013

Project Background:

This progress report describes activities associated with implementing the Motorola 52nd Street Superfund Site Operable Unit 3 (OU3) Study Area Remedial Investigation (RI) and Feasibility Study (FS) Statement of Work (SOW). This SOW is being implemented under an Administrative Settlement Agreement and Order on Consent (AOC) with the United States Environmental Protection Agency (EPA), EPA Region IX Docket No. 2008-17. The SOW includes the installation of seven new groundwater wells and four soil vapor monitoring wells, plus groundwater and soil vapor monitoring, aquifer testing, and preparation of an RI Report and FS Report.

ERM-West, Inc. (ERM) submitted the draft Planning Documents (*Quality Assurance Project Plan*, *Field Sampling Plan*, and the *OU3 Phase III Groundwater RI/FS Work Plan*) to the EPA for initial review on 20 November 2009. The OU3 Working Group received EPA approval of the Planning Documents, including the *Draft Groundwater RI/FS Work Plan*, on 15 July 2010 via e-mail. ERM received the formal notification letter of approval from the EPA by certified mail on 22 July 2010. On 17 September 2010, ERM provided the EPA the 15-day notification to begin well installation as described in Section 4.2.3 of the *OU3 Phase III Groundwater RI/FS Work Plan*. Mobilization in the field for this work began on 4 October 2010 and was completed during the week of 20 December 2010. The SVMW Installation was conducted from 18 April through 29 April, 2011 in accordance with the 10 March 2011 EPA approved Technical Memorandum No. 2 and the *OU3 Phase III Groundwater Remedial Investigation/Feasibility Study Work Plan* referenced above. The aquifer testing activities were conducted in accordance with the 21 July 2011 EPA approved *Technical Memorandum No. 3-Aquifer Test Work Plan*. As an addendum to the *Final OU3 Phase III Groundwater RI/FS Work Plan*, Technical Memorandum No. 4 (dated October 2012) was prepared to evaluate the current monitoring well network and propose activities to address the identified data gaps, including installation of additional monitoring wells. To expand the available data concerning contaminant fate and transport, *Technical Memorandum No. 5- Sampling for Aquifer Geochemical and Microbial Parameters*, has been prepared and submitted in Draft (February 2013) to EPA. Finally, in response to a request from EPA at the January 2013 Technical Working Group meeting, *Technical Memorandum No. 6 -Plan for Sampling of*

OU3 Wells for Semi-Volatile Organic Compounds in March 2013 (dated February 2013) was submitted and approved by EPA.

Summary of Work/Activities/Reports Required by the AOC/SOW this Reporting Period:

- Submitted the 4th quarterly validated laboratory analysis results for soil vapor sampling (SOW Section 4.7) to EPA on 1 February 2013. Submitted a hard copy of the *Draft Quarterly Soil Vapor Monitoring Data Report Fourth Sampling Event March 2012 – February 2013* to EPA on 11 February 2013.
- Submitted replacement figures for the Draft September 2012 Groundwater Summary Report (SOW Section 4.4) to the EPA on 19 February 2013.
- Submitted the Monthly Progress Report to the EPA on 22 February 2013.
- Submitted the *Draft Technical Memorandum No. 6- Plan for Sampling of OU3 Wells for Semi-Volatile Organic Compounds in March 2013* on 22 February 2013.
- Submitted the *Draft Technical Memorandum No. 5- Sampling for Aquifer Geochemical and Microbial Parameters* to the EPA on 26 February 2013.

Sampling Completed/Test Results Received/Other Activities Completed:

- The City of Phoenix Right-of-Way permit was issued on 28 February 2013.

Upcoming Scheduled and Anticipated Activities (next eight weeks):

- Prepare informational handouts for the public regarding the new groundwater monitoring wells described in *Technical Memorandum #4*.
- Complete installation of the wells addressed in *Technical Memorandum #4* scheduled to occur by 29 March 2013 (drilling commenced on 18 March 2013).
- Submit the Final *September 2012 Groundwater Sampling Report* (SOW Section 4.4) to the EPA and ADEQ in March 2013.
- Submit the *Draft Soil Vapor Monitoring Well Summary Report* to EPA in March 2013
- Conduct semi-Annual OU3 groundwater monitoring, currently scheduled for 4 March 2013 through 15 March 2013. This will include the SVOC sampling and analysis described in *Technical Memorandum #6*.